

FIGURE 1

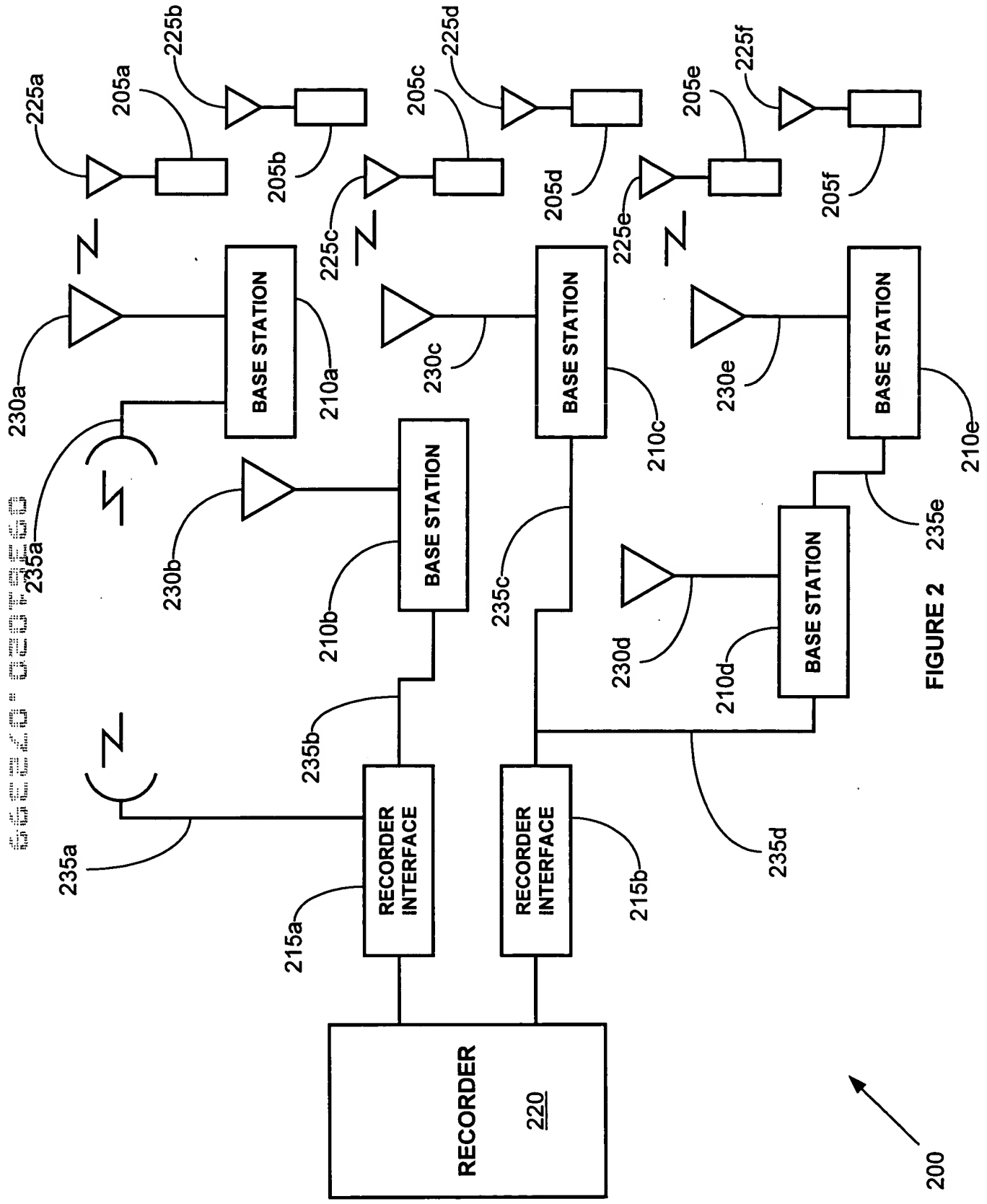


FIGURE 2 235e

FIG. 3

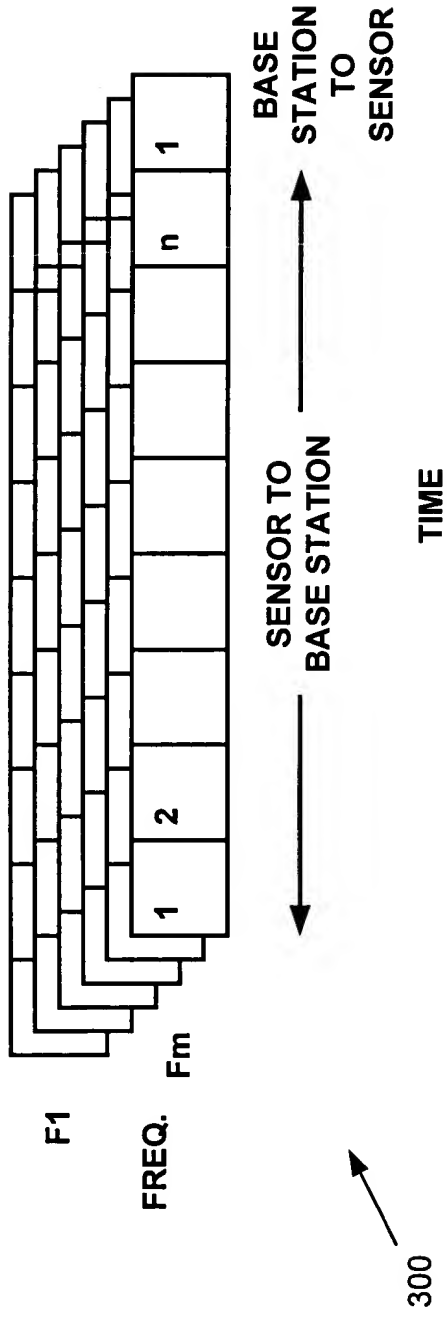


FIGURE 3

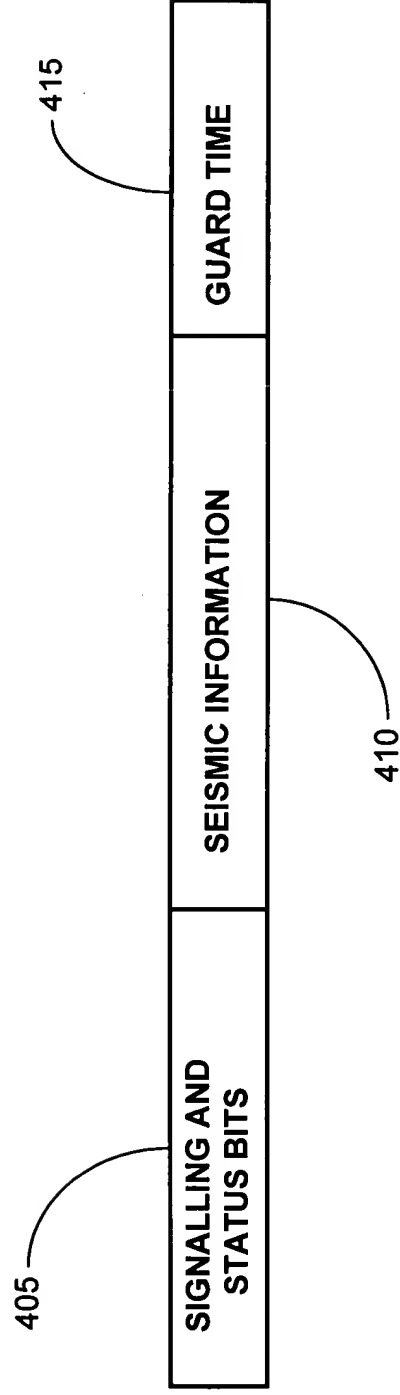


FIGURE 4

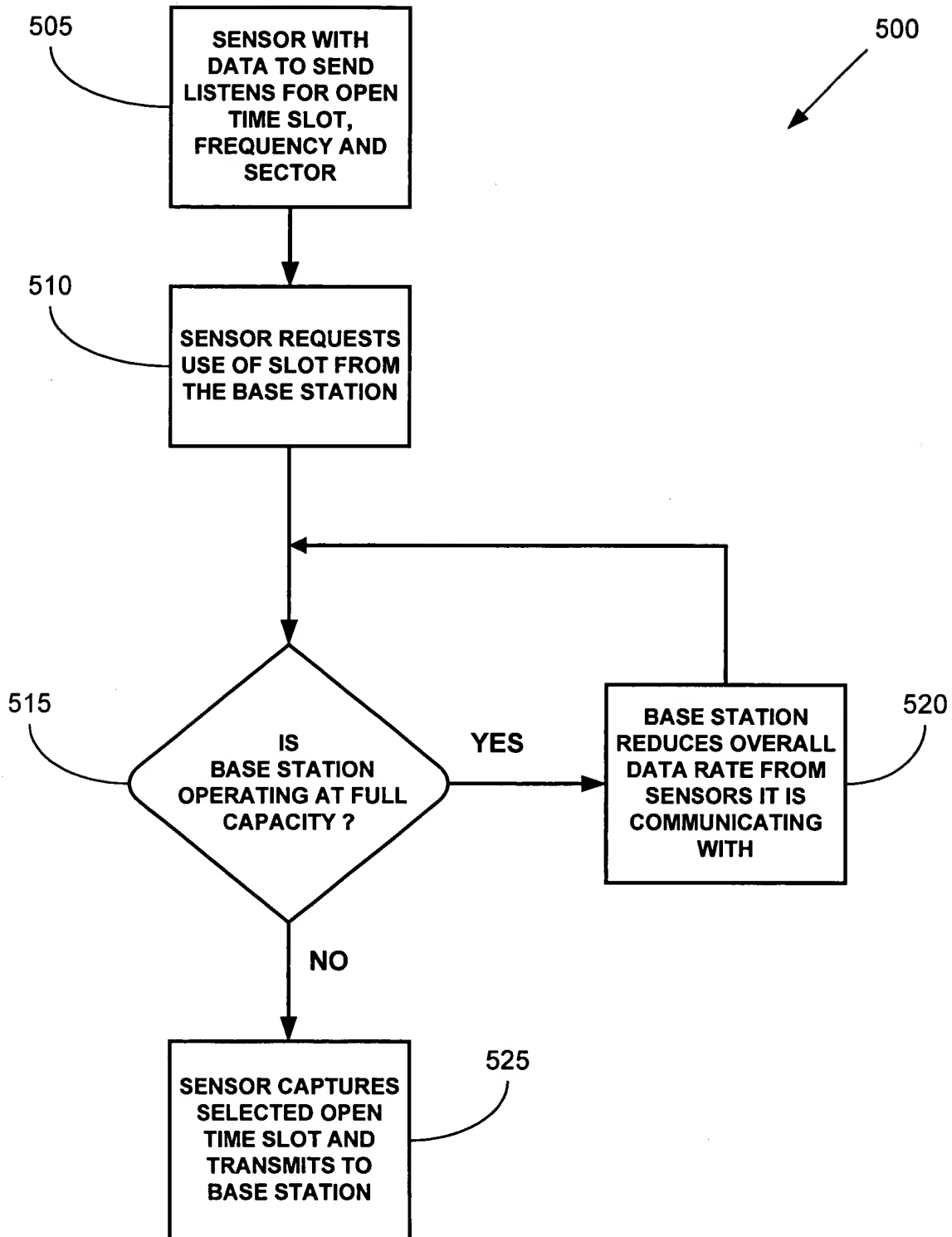


FIGURE 5

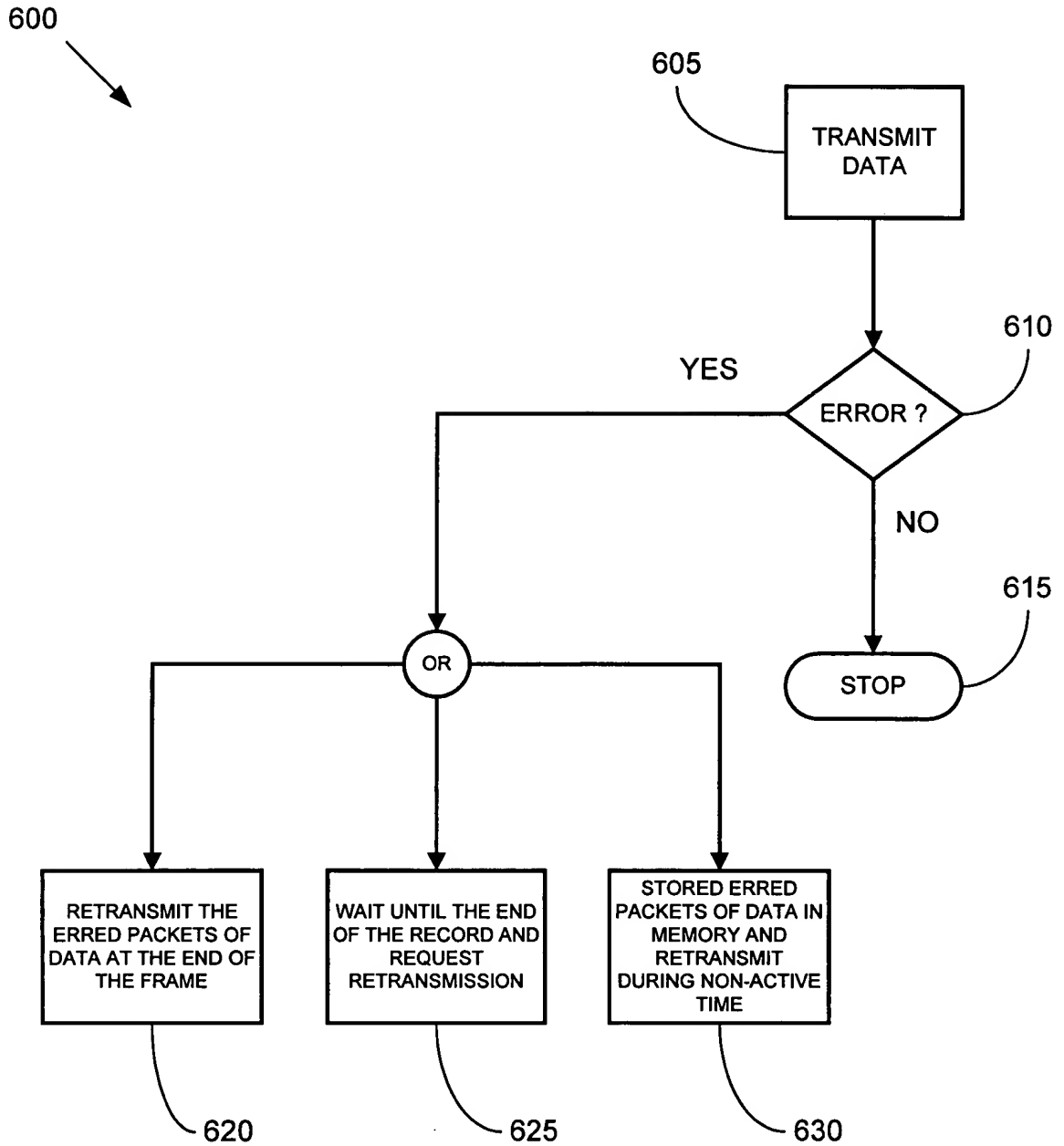


FIGURE 6

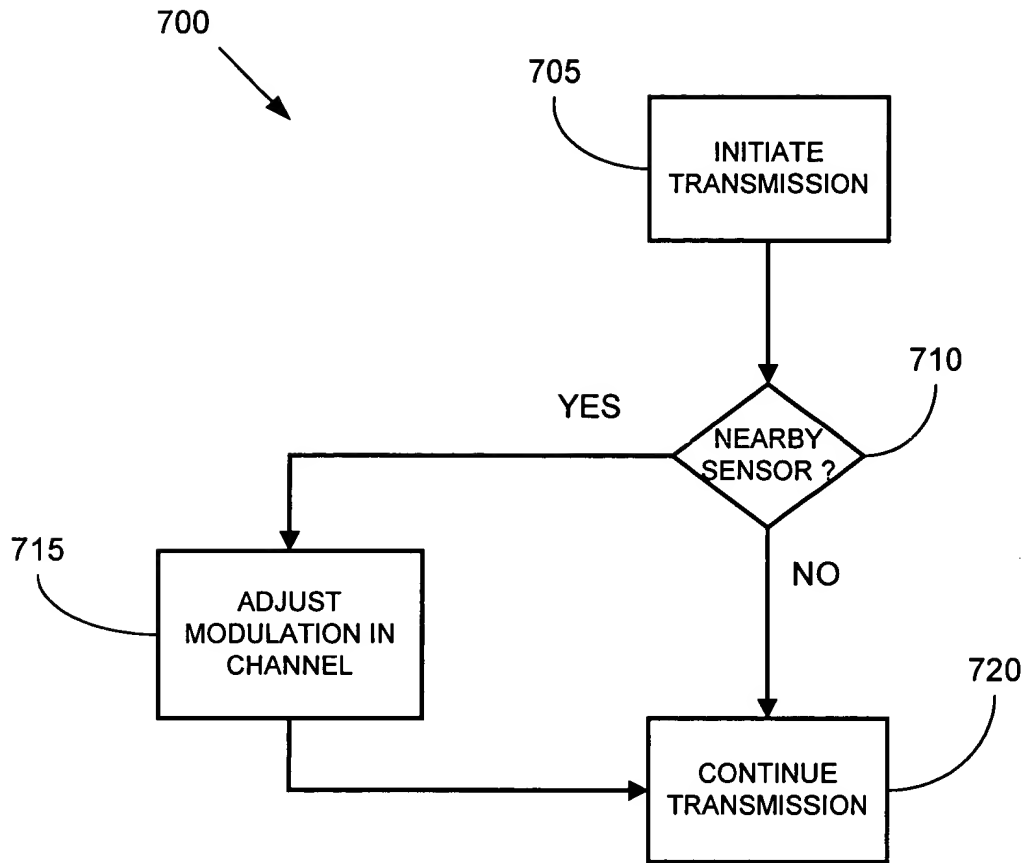


FIGURE 7

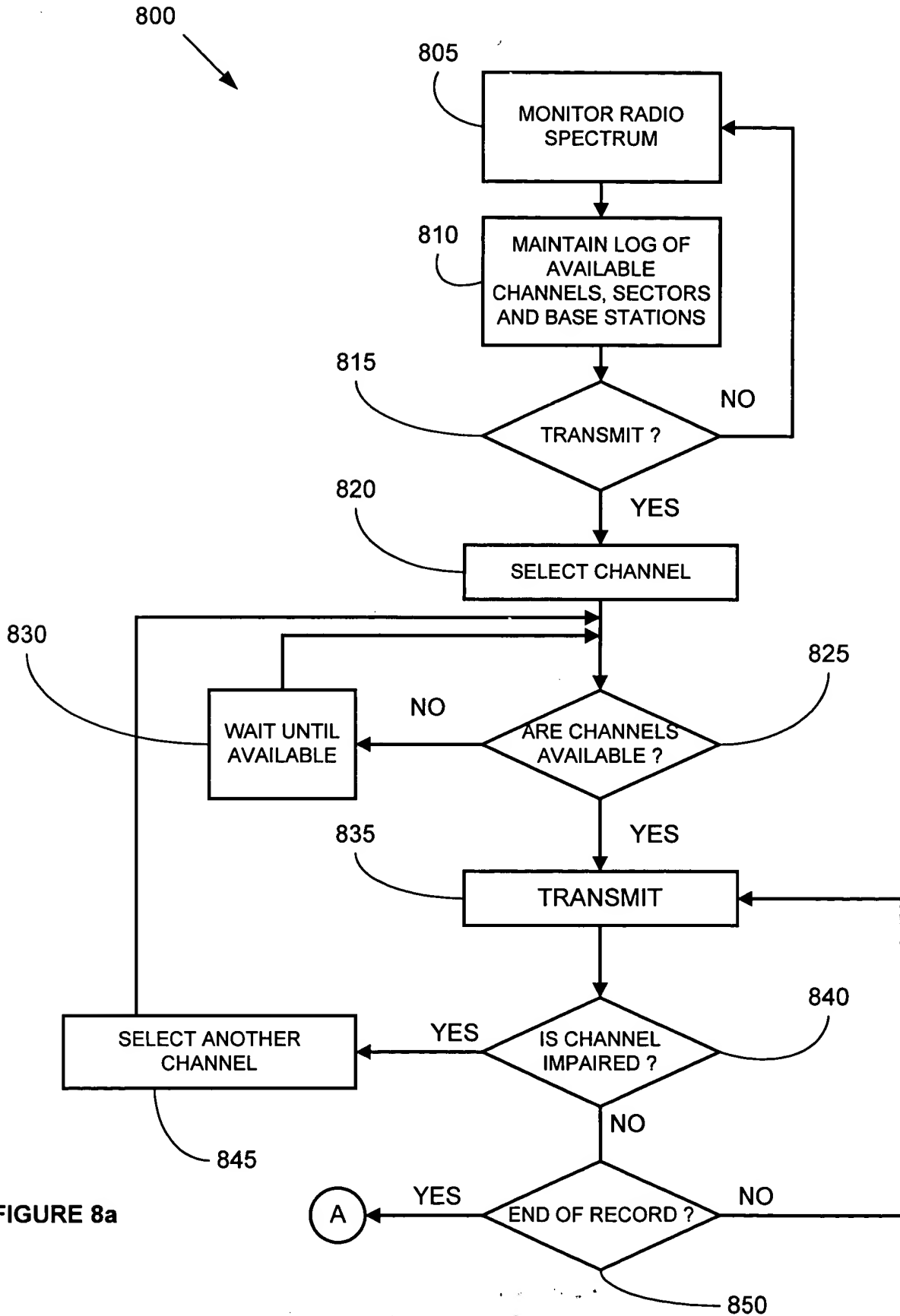


FIGURE 8a

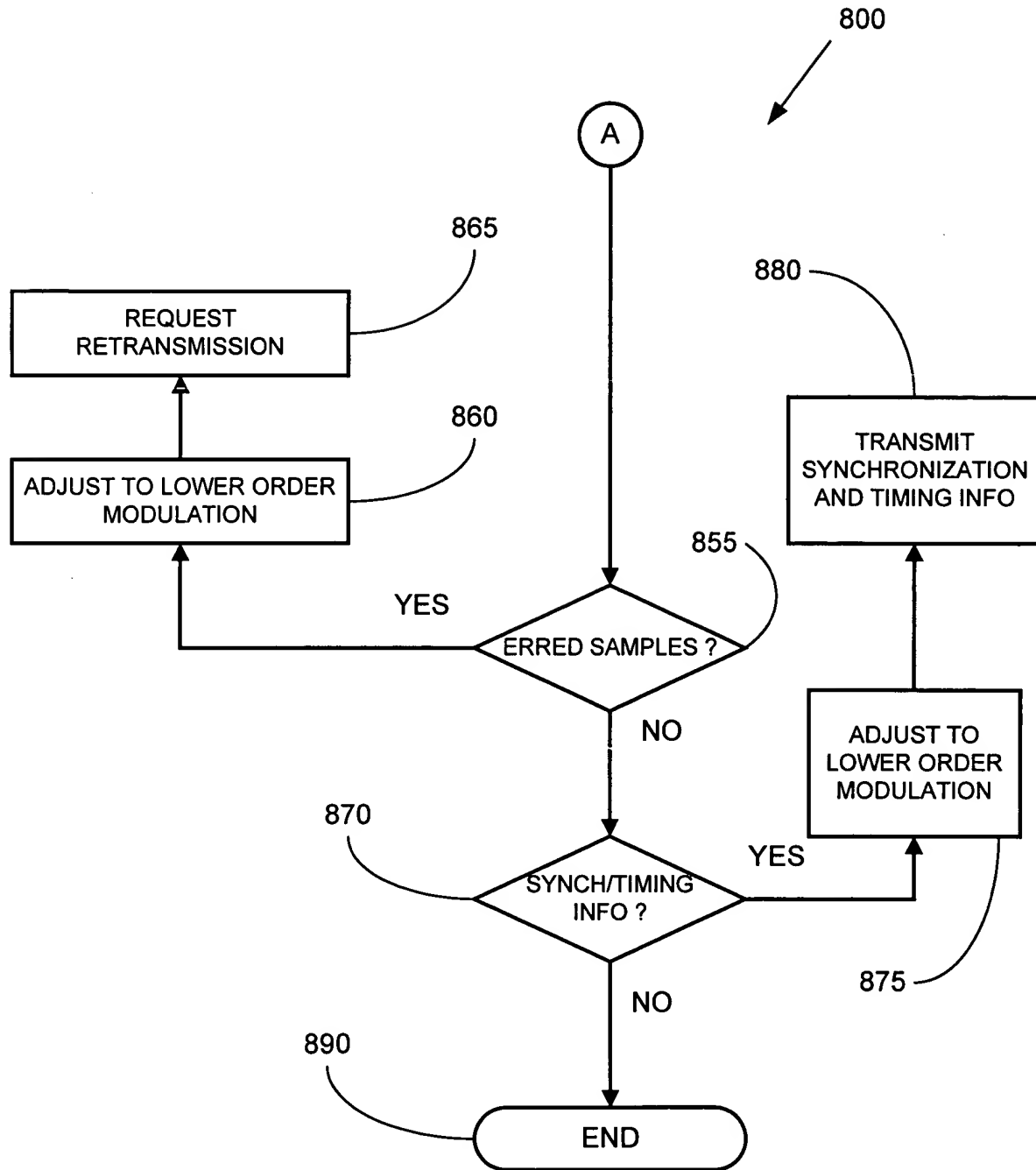
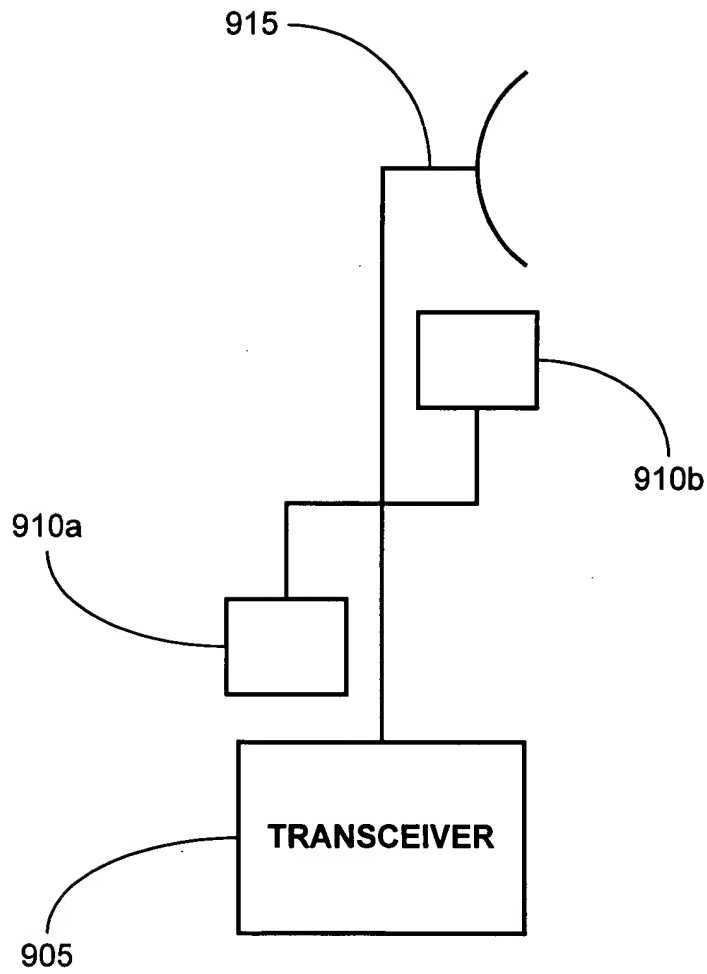


FIGURE 8b



900



**FIGURE 9**

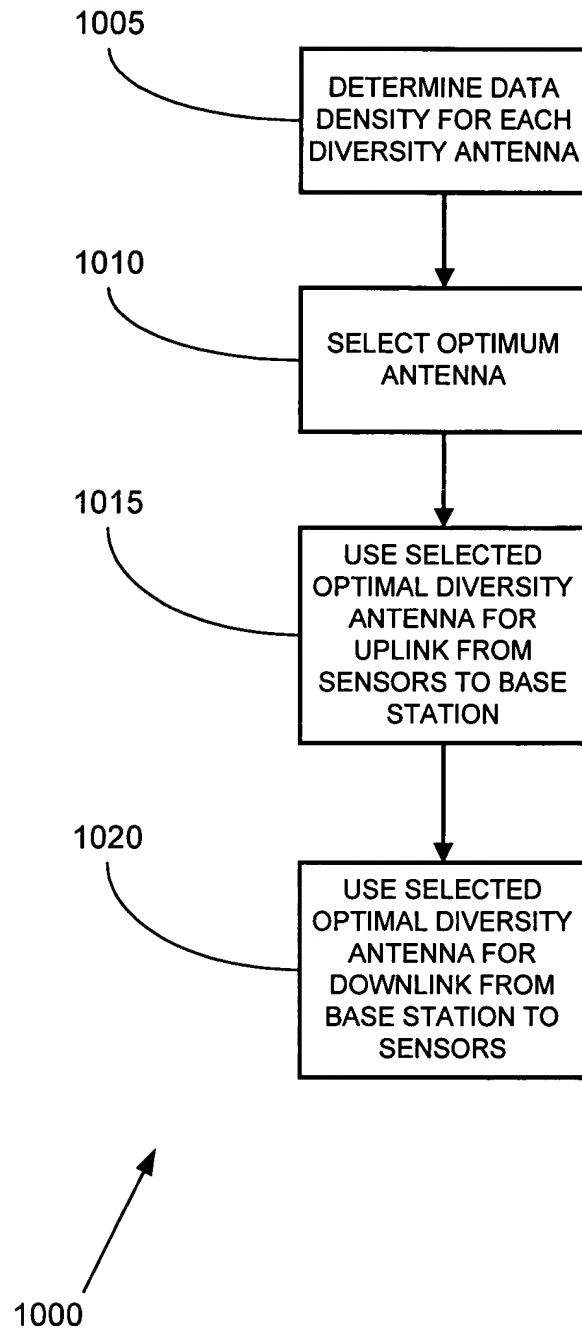


FIGURE 10

SECRET

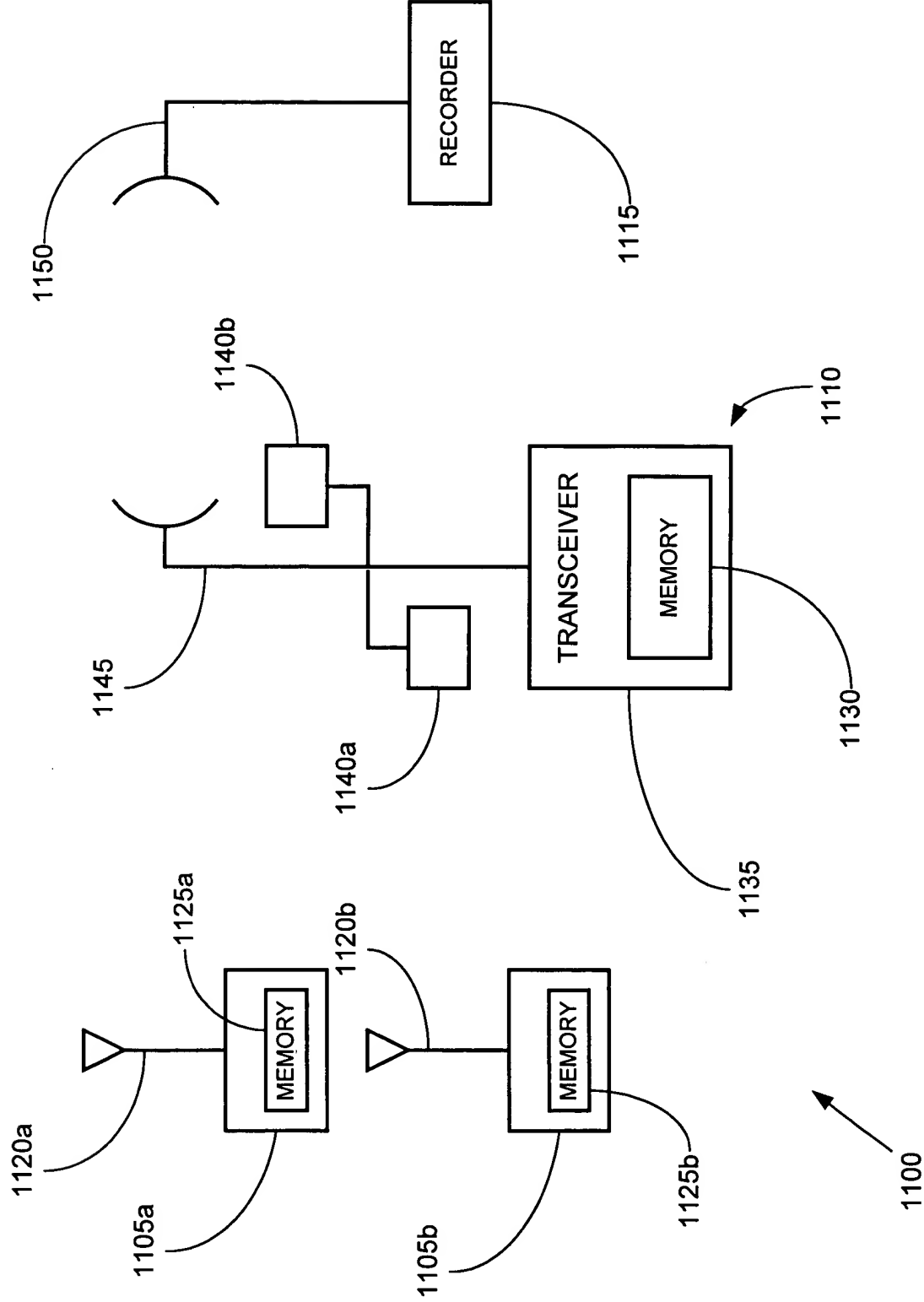


FIGURE 11

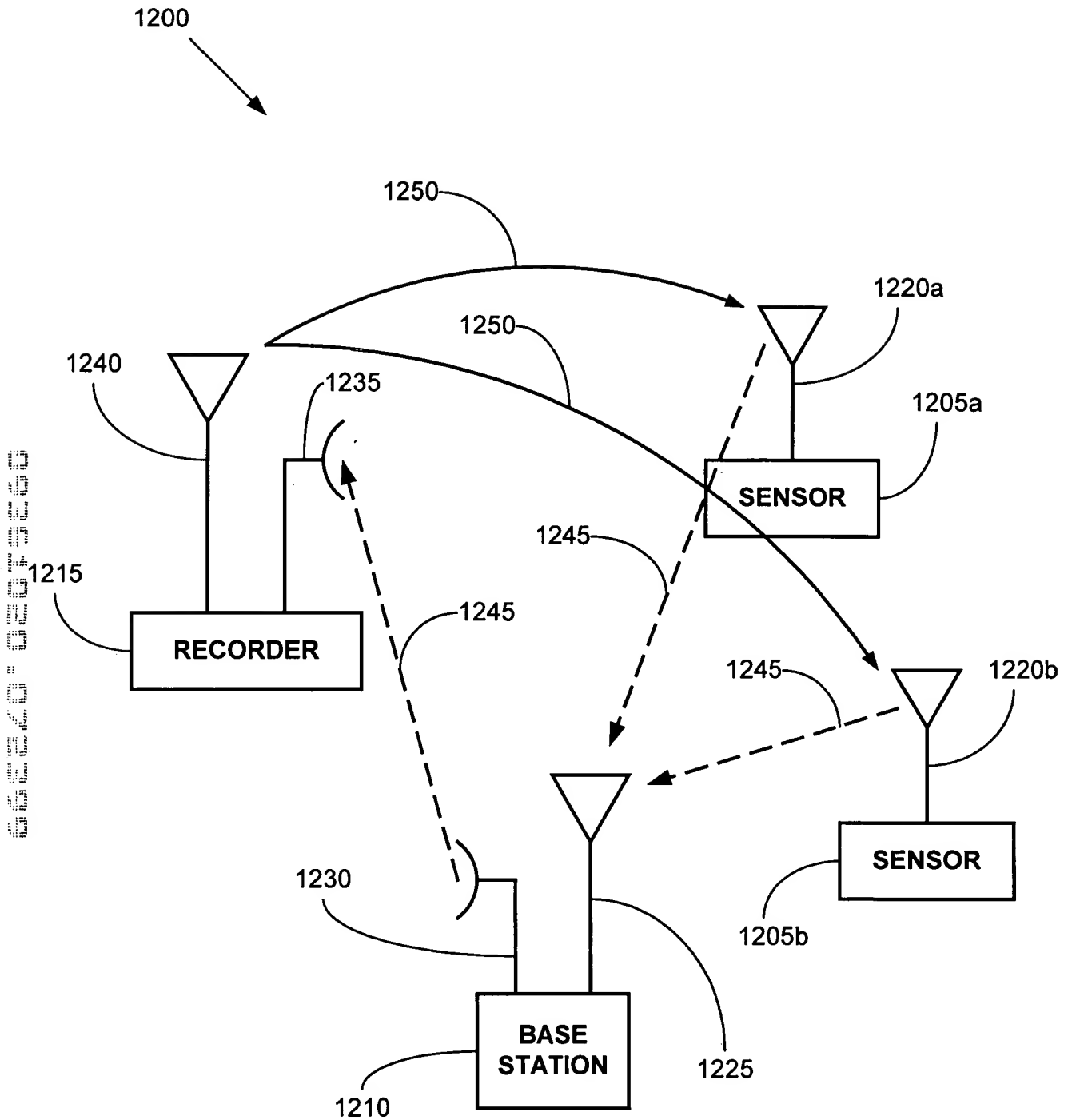


FIGURE 12

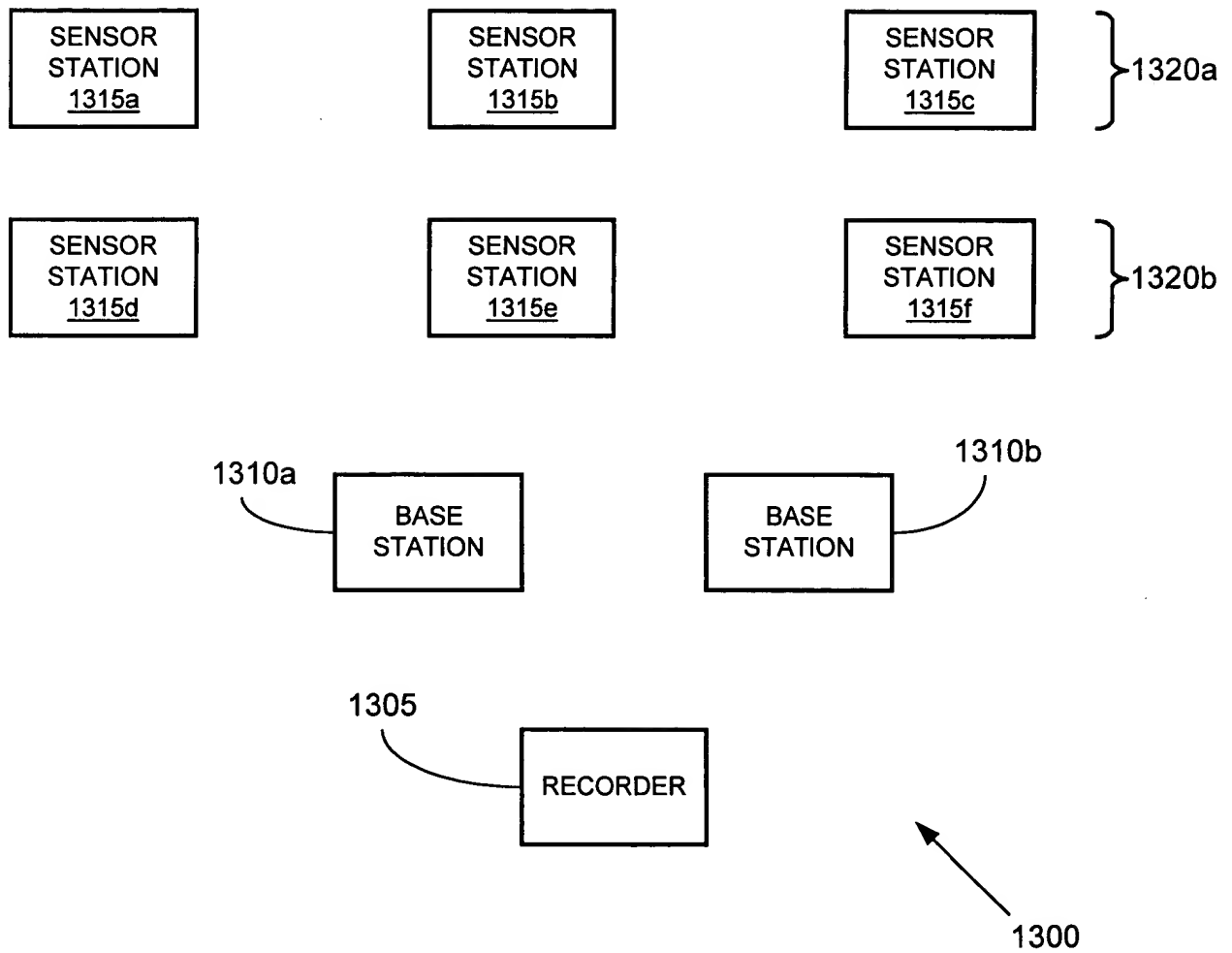


FIGURE 13

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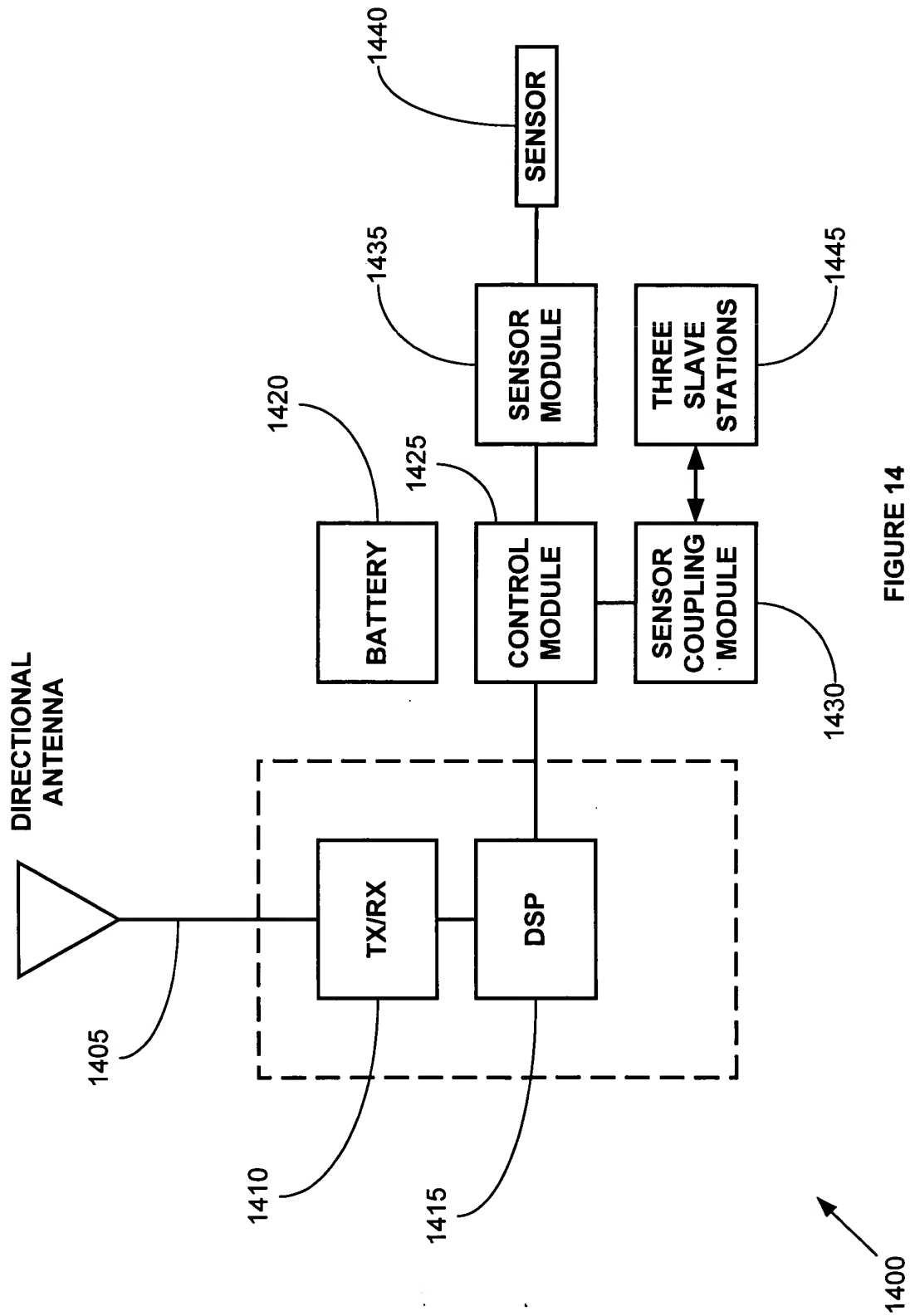


FIGURE 14

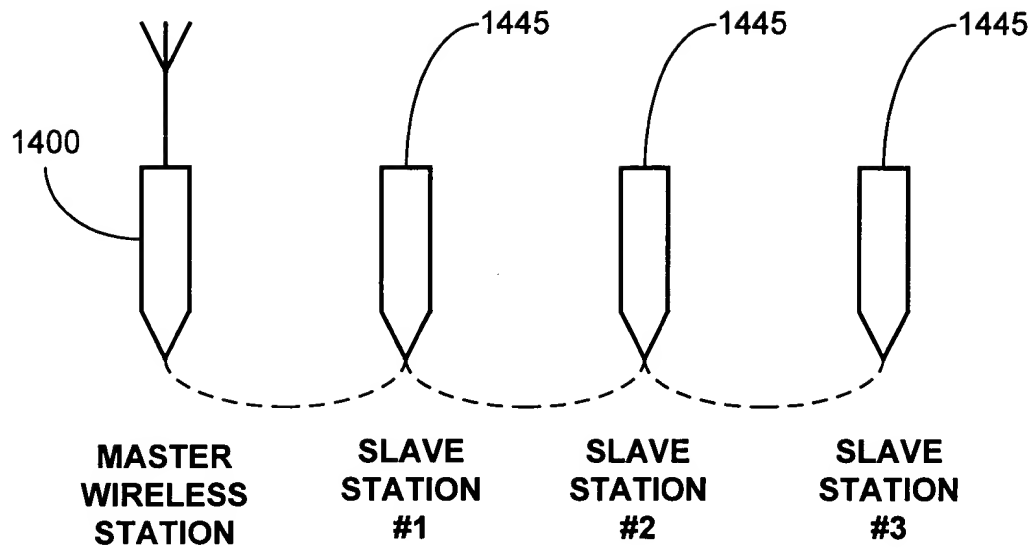
**FIGURE 15**

FIG. 16 is a block diagram of a system 1600, according to one embodiment of the present disclosure. The system 1600 includes a sensor coupling module 1605, a control module 1615, a battery 1610, a sensor module 1620, and a sensor 1625. The sensor coupling module 1605 is connected to a twisted pair cable 1600. The control module 1615 is connected to the sensor coupling module 1605 and the battery 1610. The sensor module 1620 is connected to the control module 1615 and the sensor 1625.

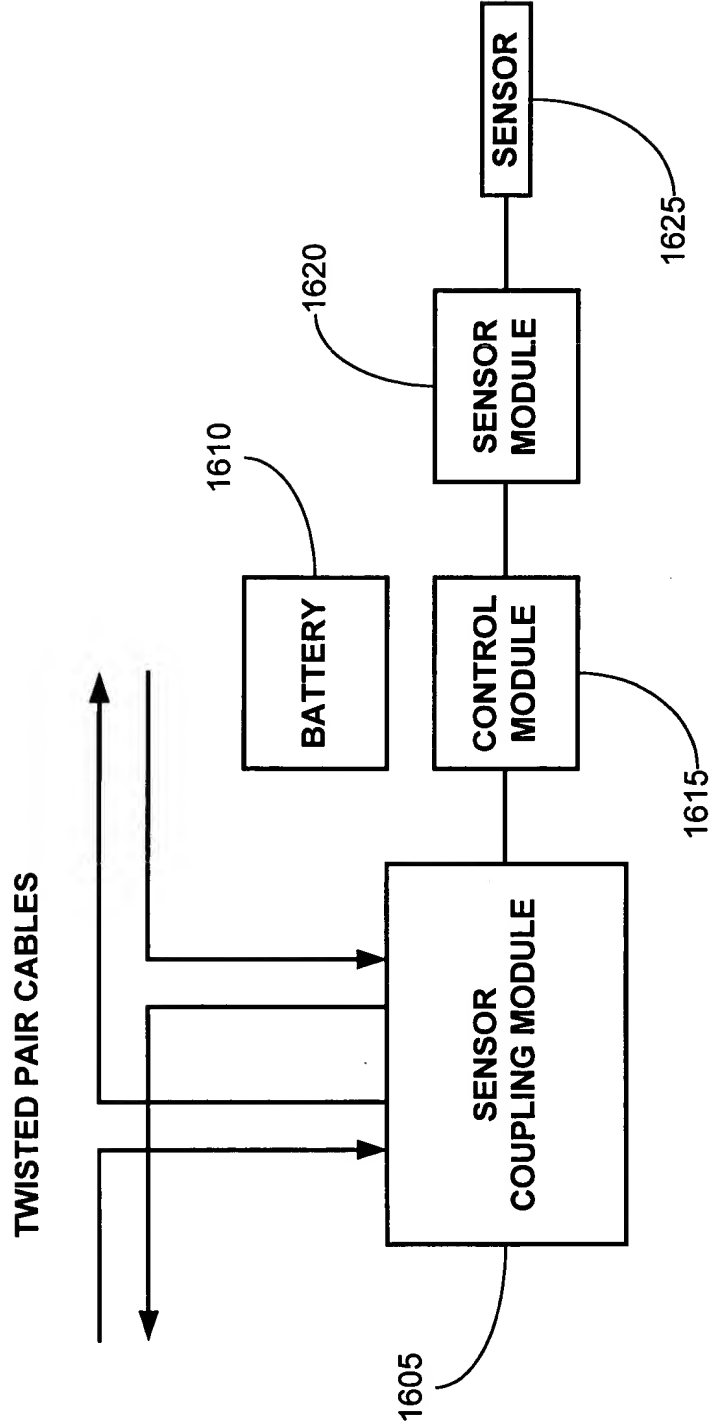


FIGURE 16



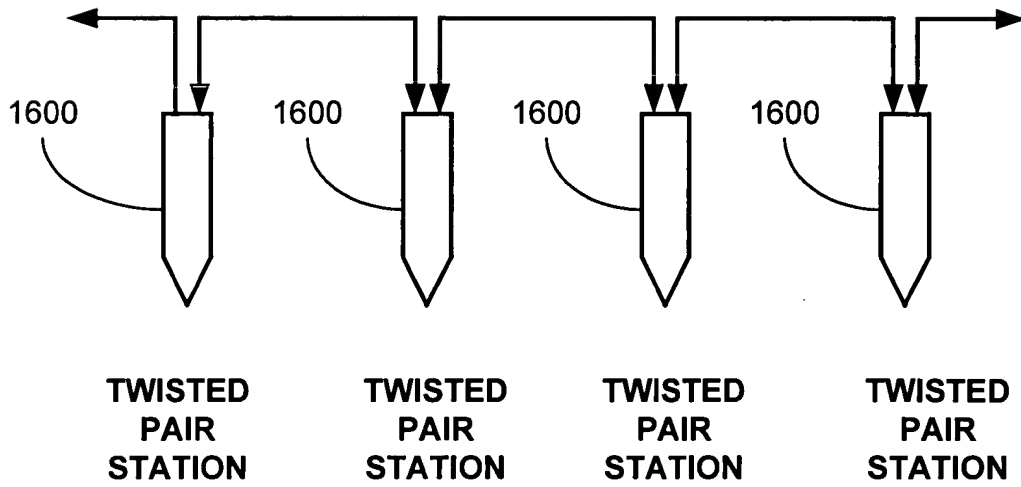


FIGURE 17

FIG. 18 is a block diagram of a system 1800.

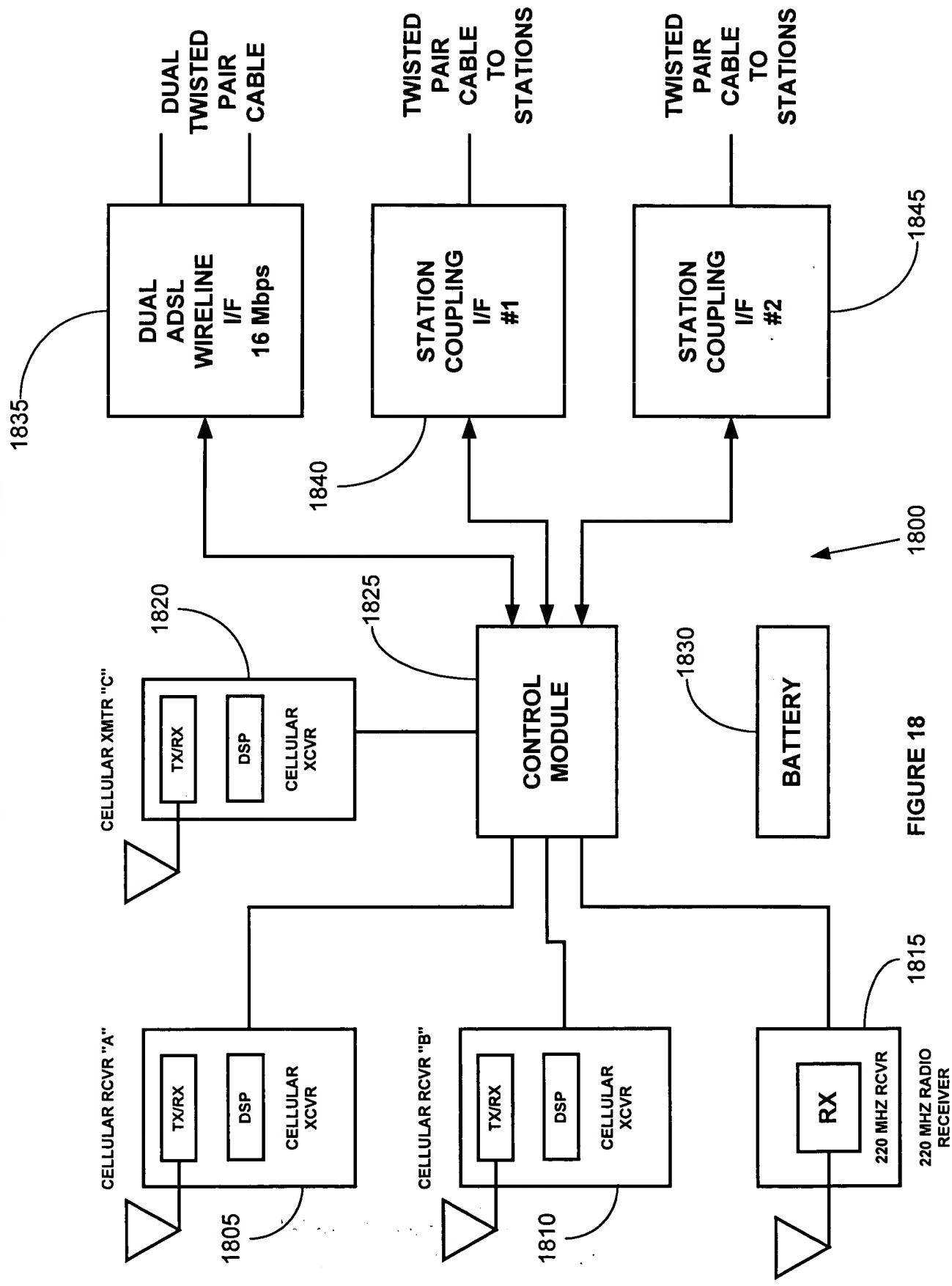


FIGURE 18

662626

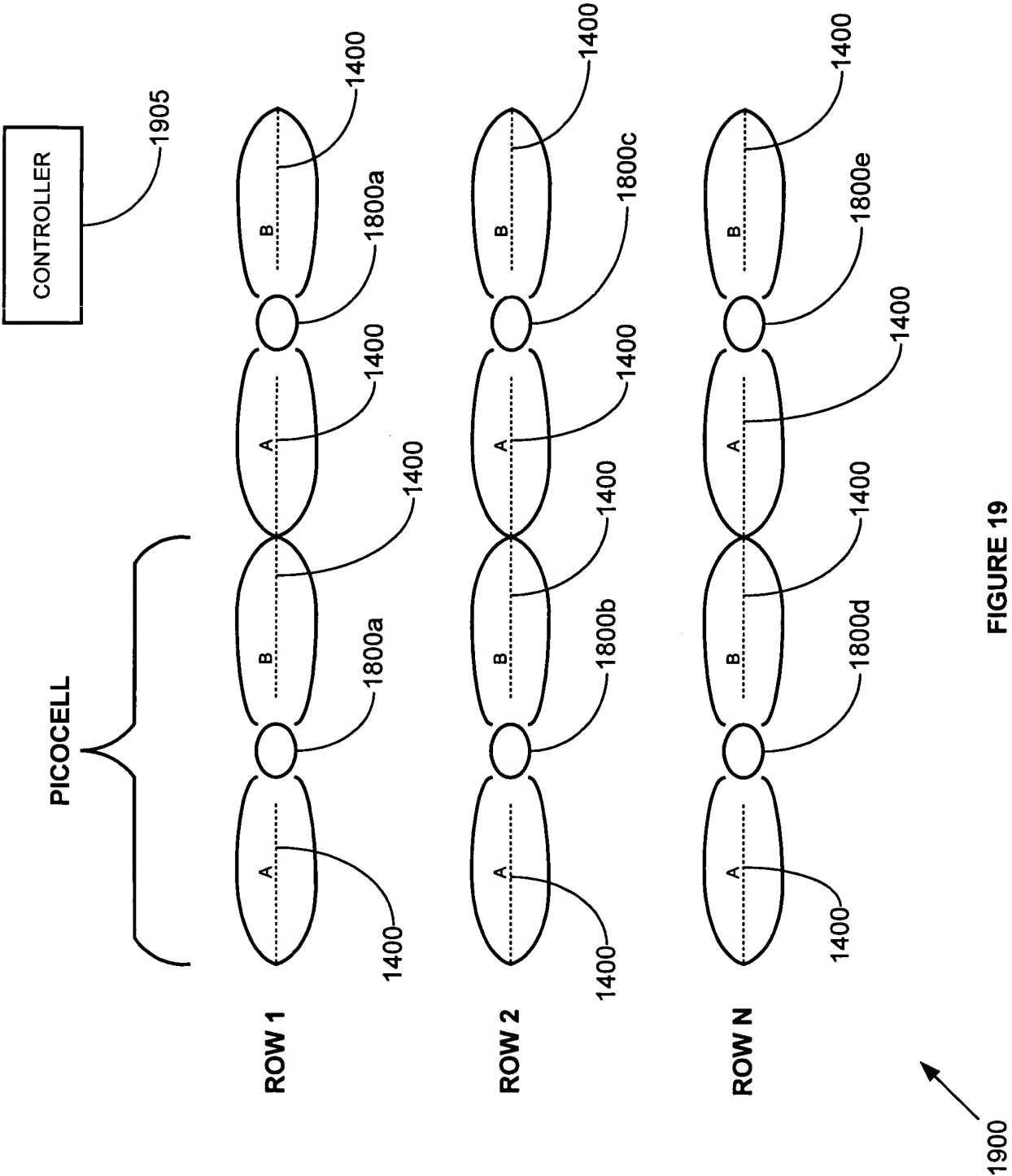
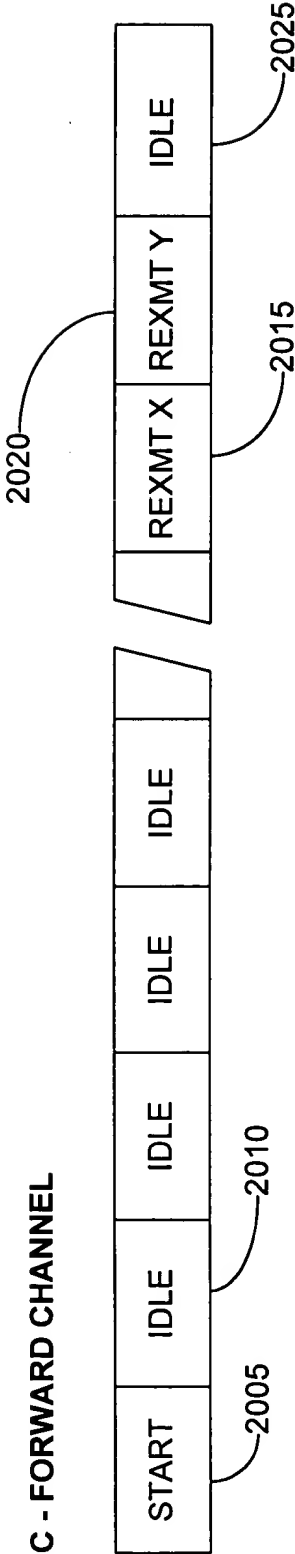


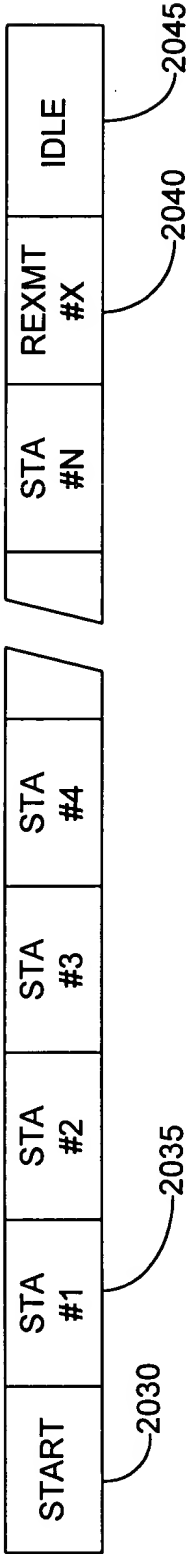
FIGURE 19

FIG. 20

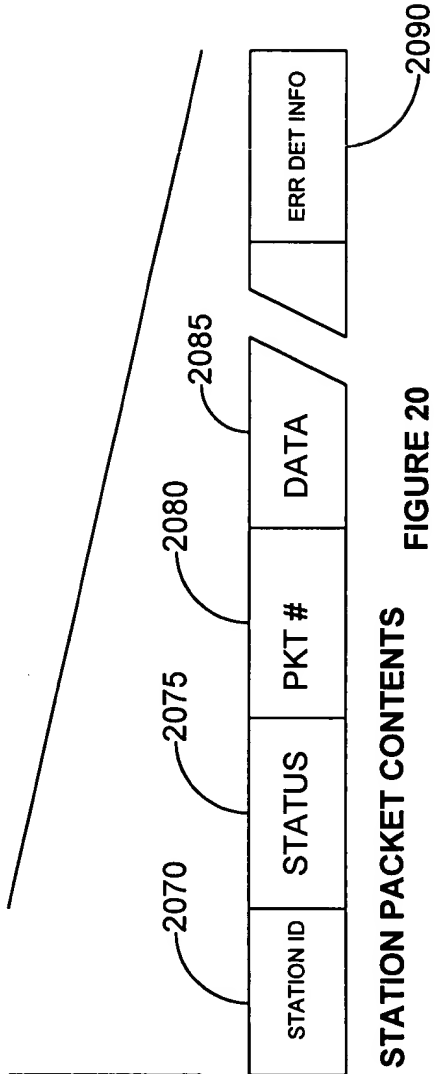
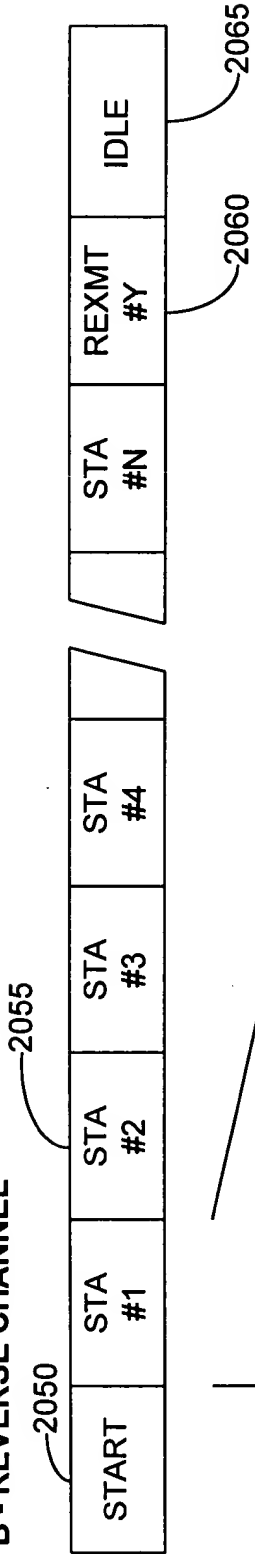
C - FORWARD CHANNEL

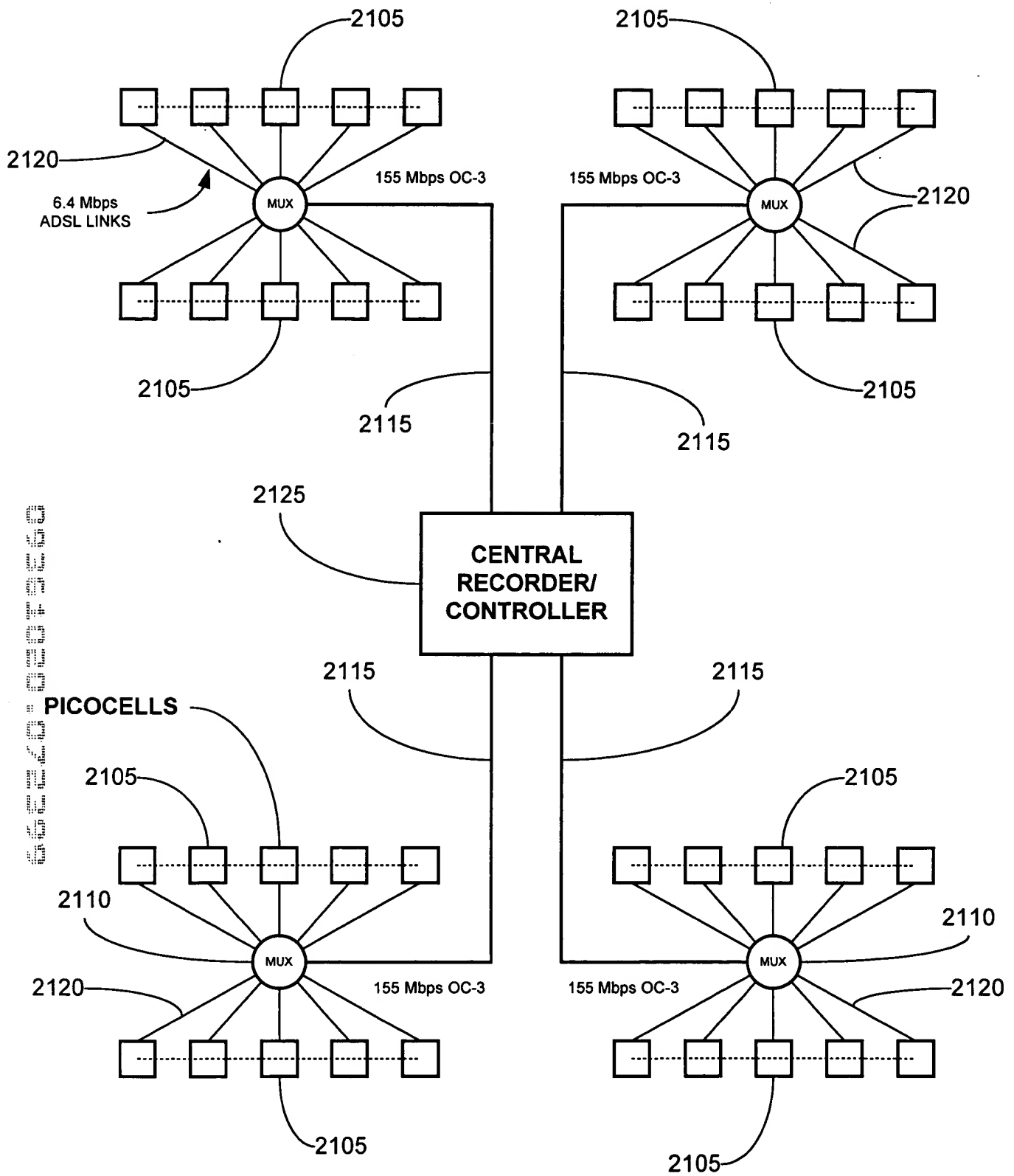


A - REVERSE CHANNEL



B - REVERSE CHANNEL





2100

FIGURE 21

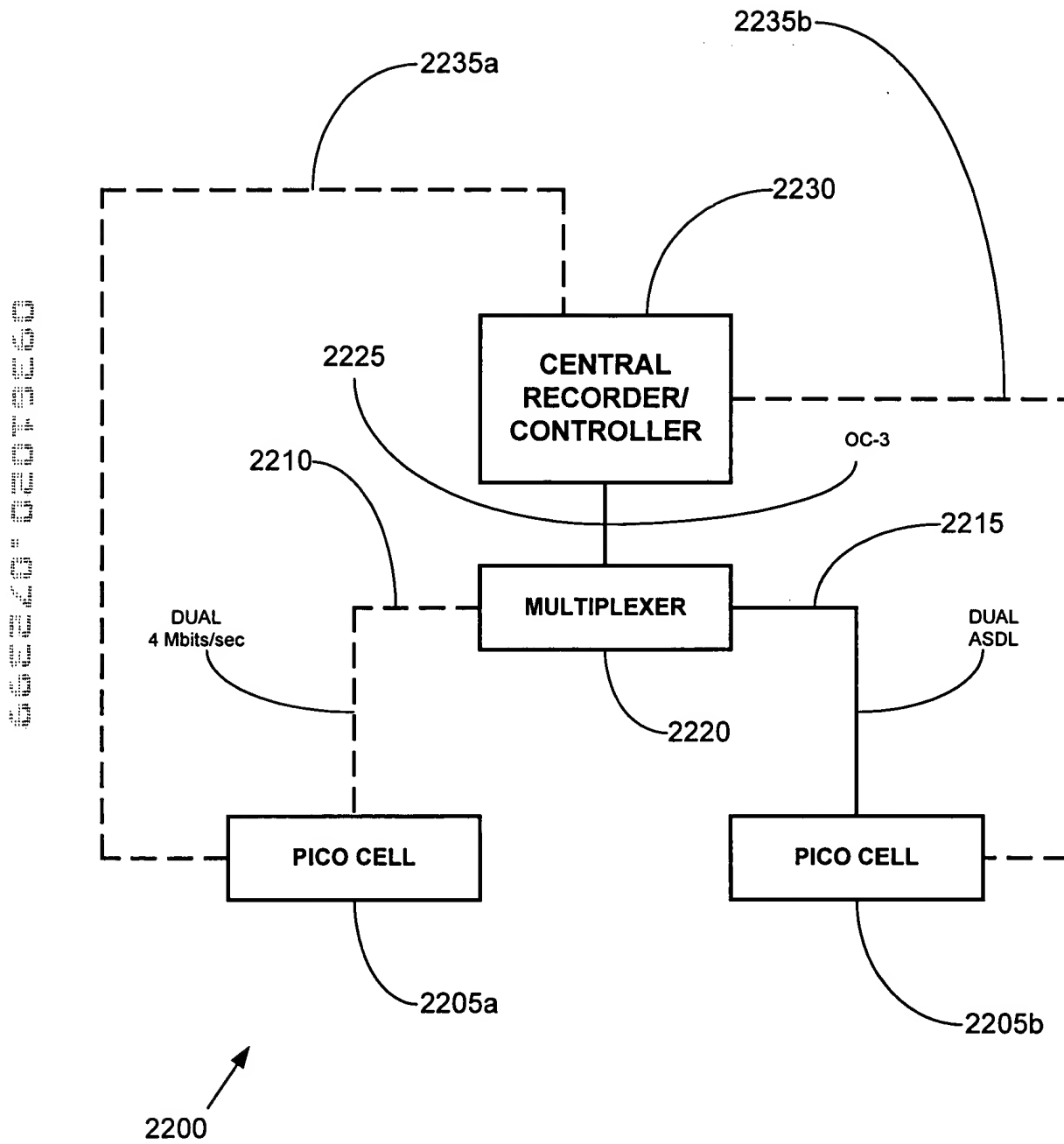


FIGURE 22

FIG. 23 is a block diagram of a system 2300.

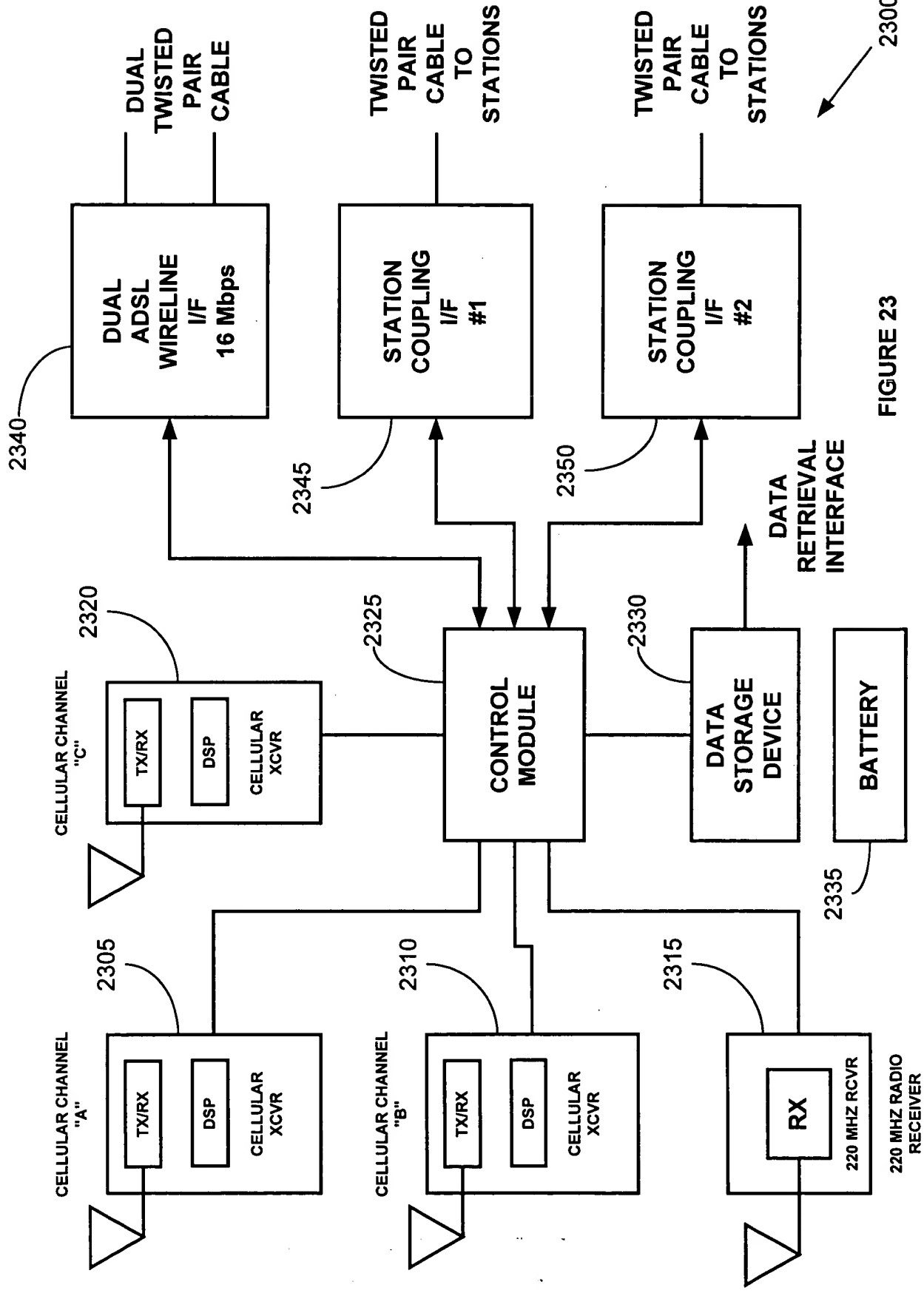


FIGURE 23

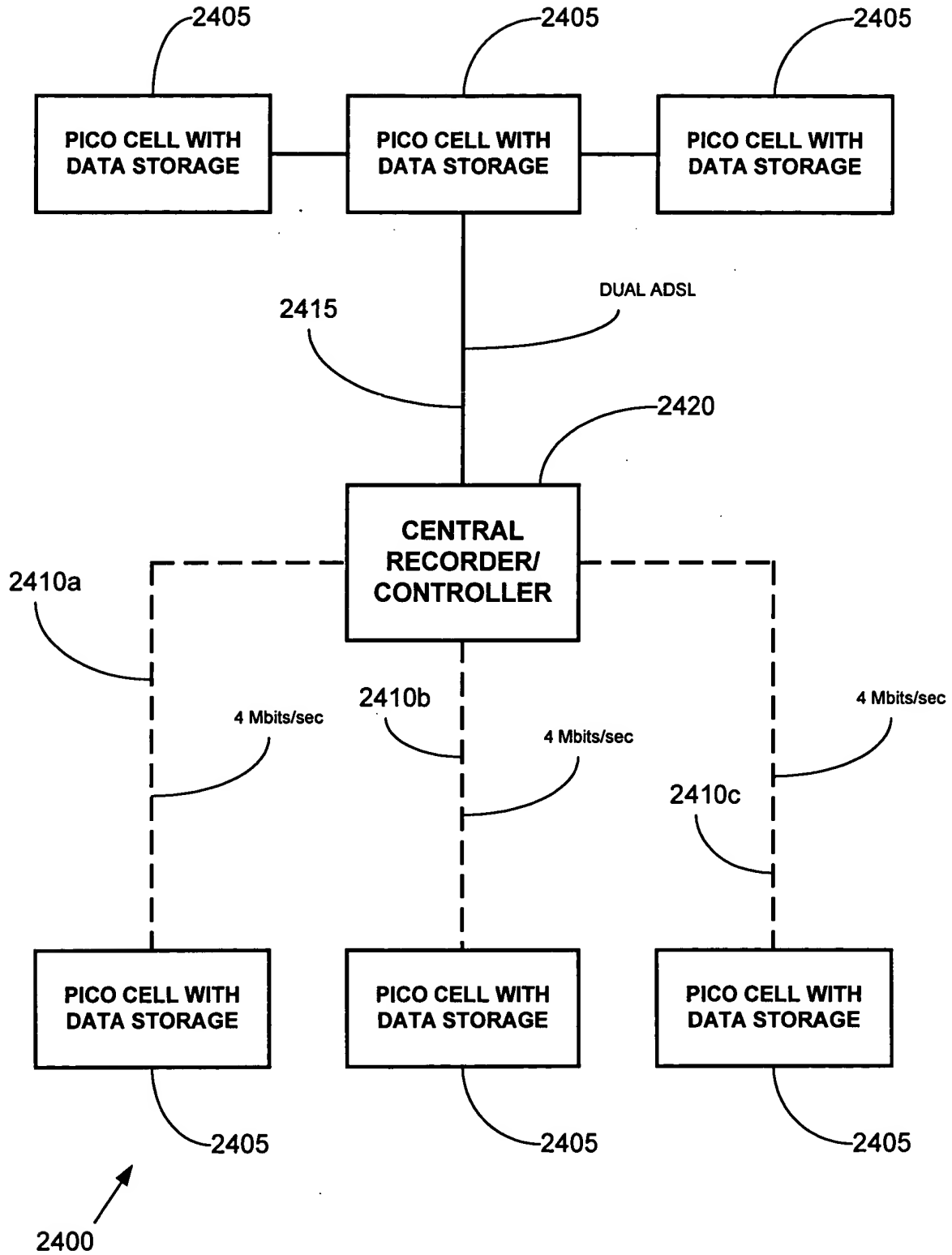


FIGURE 24